Special Alaska Lease Sale Areas (SALSA)



Preview of large, contiguous lease sale blocks intended to be offered in Fall 2018 Competitive Oil & Gas Lease Sales

Presented by the Division of Oil and Gas Alaska Department of Natural Resources July 2018







This slide show will function best if you save the .pdf to your device and run it from there. This makes use of the links easier.

Updated: 08/20/2018

Dear Explorers and Investors,

The State of Alaska would like to offer a new opportunity to bid on large, contiguous acreage blocks. The sale is scheduled to happen concurrently with the Fall 2018 Competitive Oil and Gas Lease Sale. These unique lease sale blocks are groups of North Slope and Beaufort Sea Areawide lease sale tracts that will be offered together as Special Alaska Lease Sale Areas (SALSA). The Division of Oil and Gas has gathered and highlighted large amounts of publicly available data that bears on the SALSA areas. With respect to this information please review the important disclaimer at the end of this presentation.

Additionally, each lease sale block has 3D seismic data acquired through the State of Alaska Tax Credit Program that is currently available through the Department of Natural Resources for a modest fee.

This compilation is meant to give you a jump start in understanding what data is available for the lease sale blocks. Sources of the data are also provided so you can expand your search to areas outside of the SALSA. This rich and insightful information will help you interpret and evaluate Alaska's resources more quickly. The terms and conditions for the SALSA sale will be available in mid-August when the public notice is released.

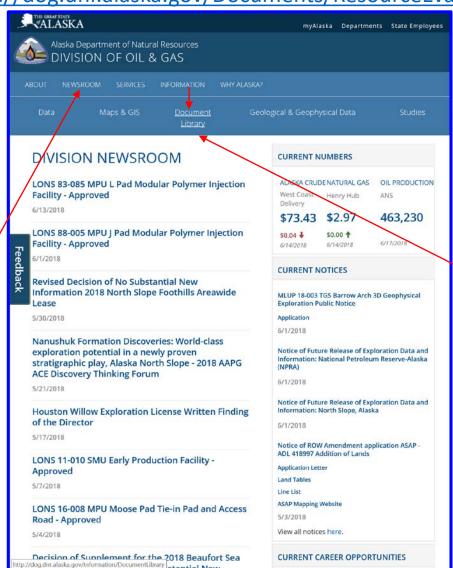
I believe that you are set up for success with this data in hand and I look forward to seeing you at the Sale.

Chantal Walsh, Director

For detailed, formal information on the Fall 2018 Competitive Oil and Gas Lease Sales http://dog.dnr.alaska.gov/Services/BIFAndLeaseSale where updated material will be posted as available.

How do I get to this slideshow?

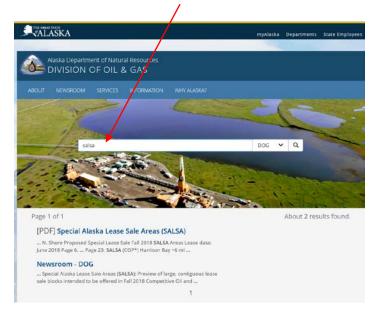
http://dog.dnr.alaska.gov/Documents/ResourceEvaluation/Salsa/SALSA for PUBLIC JUL18 FINAL-LIVE.pdf



Newsroom

- Document Library

or ... just type 'SALSA' in the search bar at the DOG home page



The slide show will function best if you save the .pdf to your device and run it from there. This makes use of the links easier.

http://dog.dnr.alaska.gov/Documents/ResourceEvaluation/ Salsa/SALSA for PUBLIC JUL18 FINAL-LIVE.pdf



SALSA Summary

Special Alaska Lease Sale Areas SALSA 2018 Public Data

Data/Info Sources

Other Stuff



Locator Map

Current Units

w

EXP wells
since 1960

Credit Program
3D seismic
eligible for
release

SALSA Areas and Data Polygons

Terminated
Units and Wells
that have
flowed HC to
Surface

AOGCC

Well logs Test
Results

Well Histories

Test Information and Citings Mudlogs

Core Analyses DGGS GMC

Public 3D Seismic

> Public Core

Core Chips

Reports

Historic Bidding in SALSA Areas

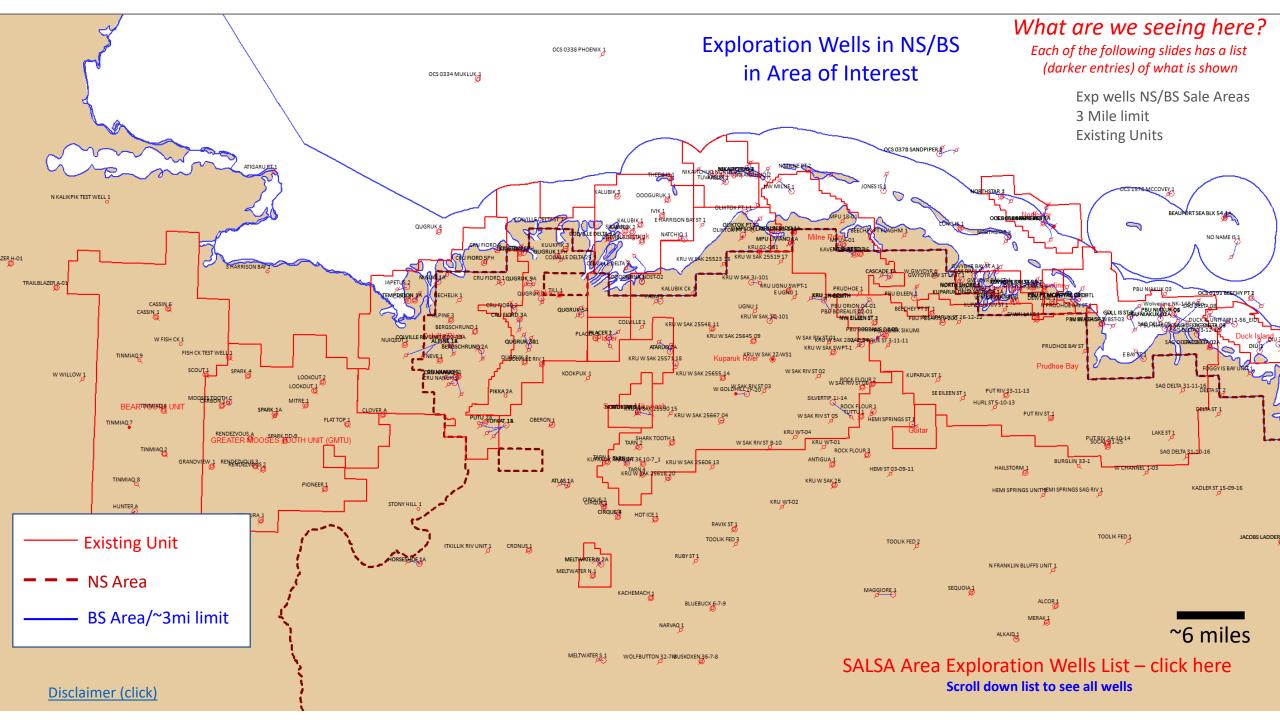
Historic Well Targets

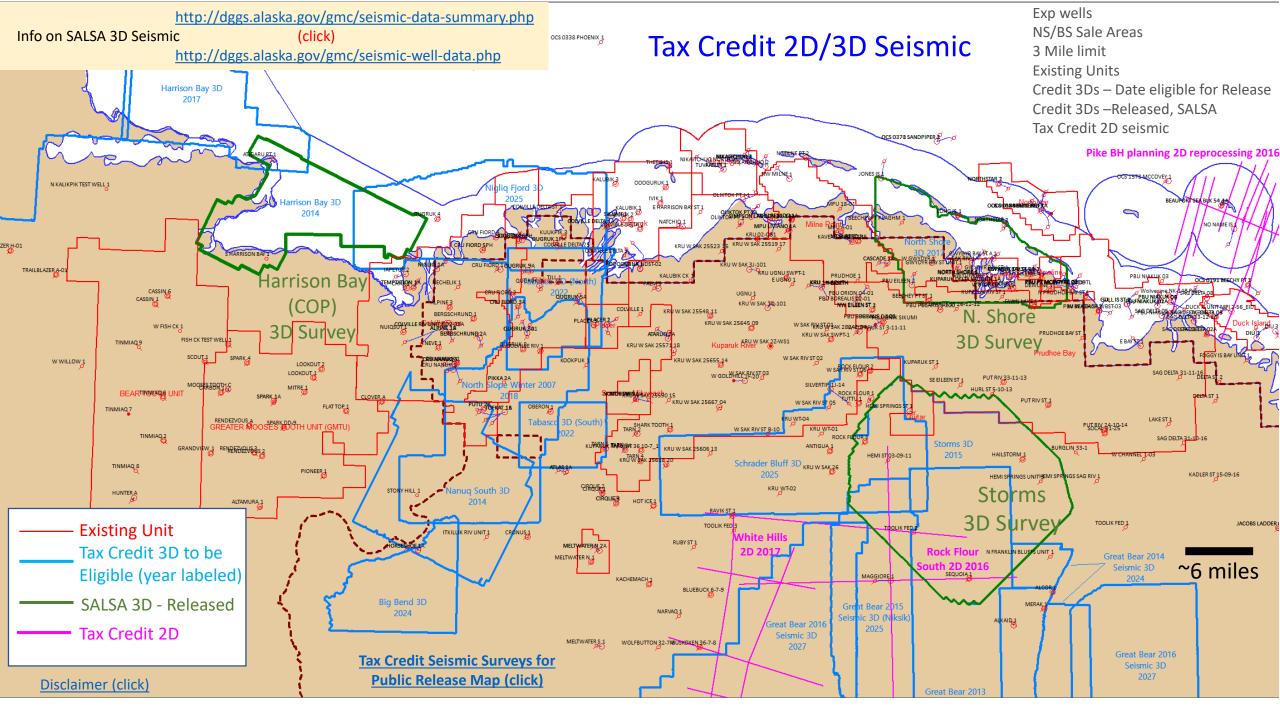
Reference - USGS 2005 Oil and Gas Resource Assessment of the Central North Slope, Alaska: Play Maps and Results

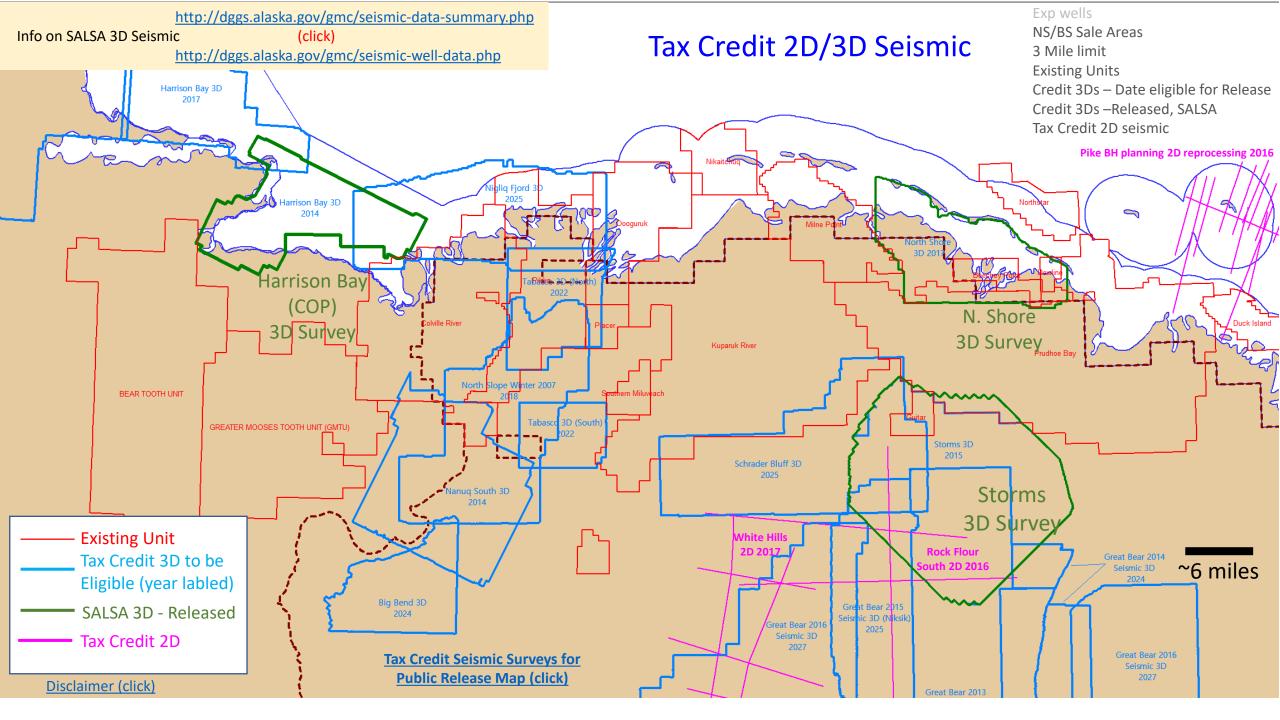


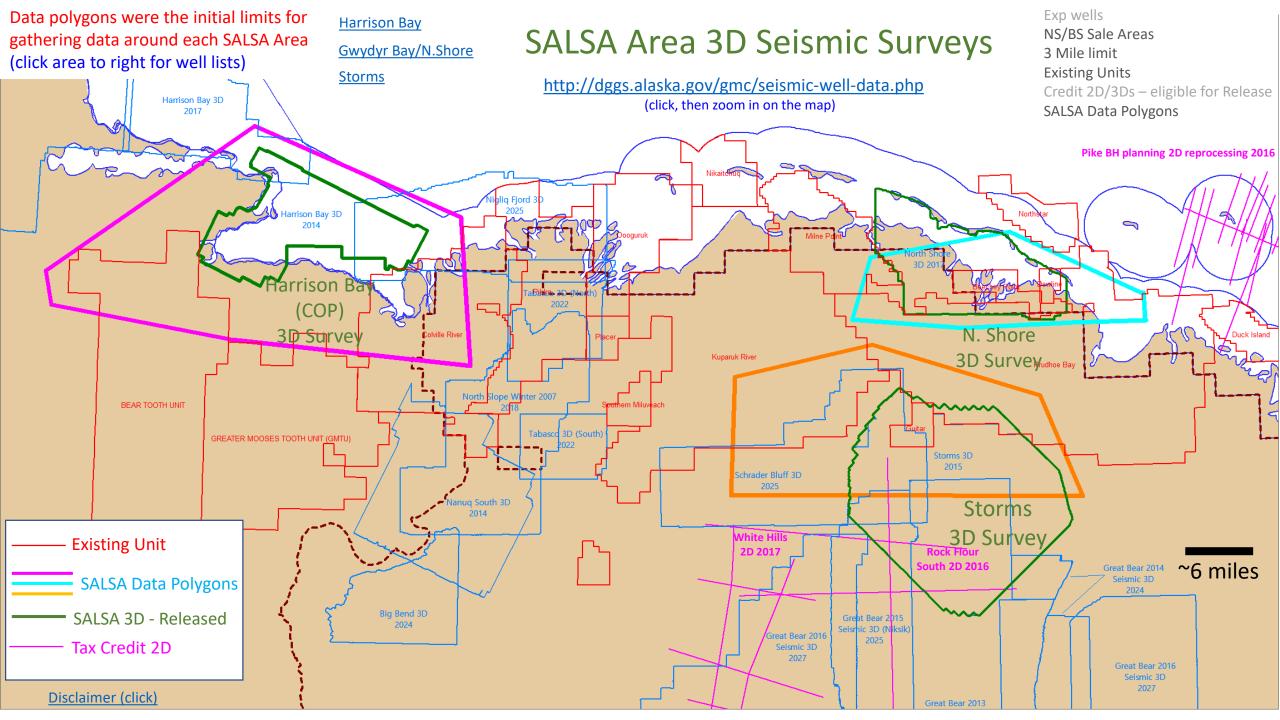


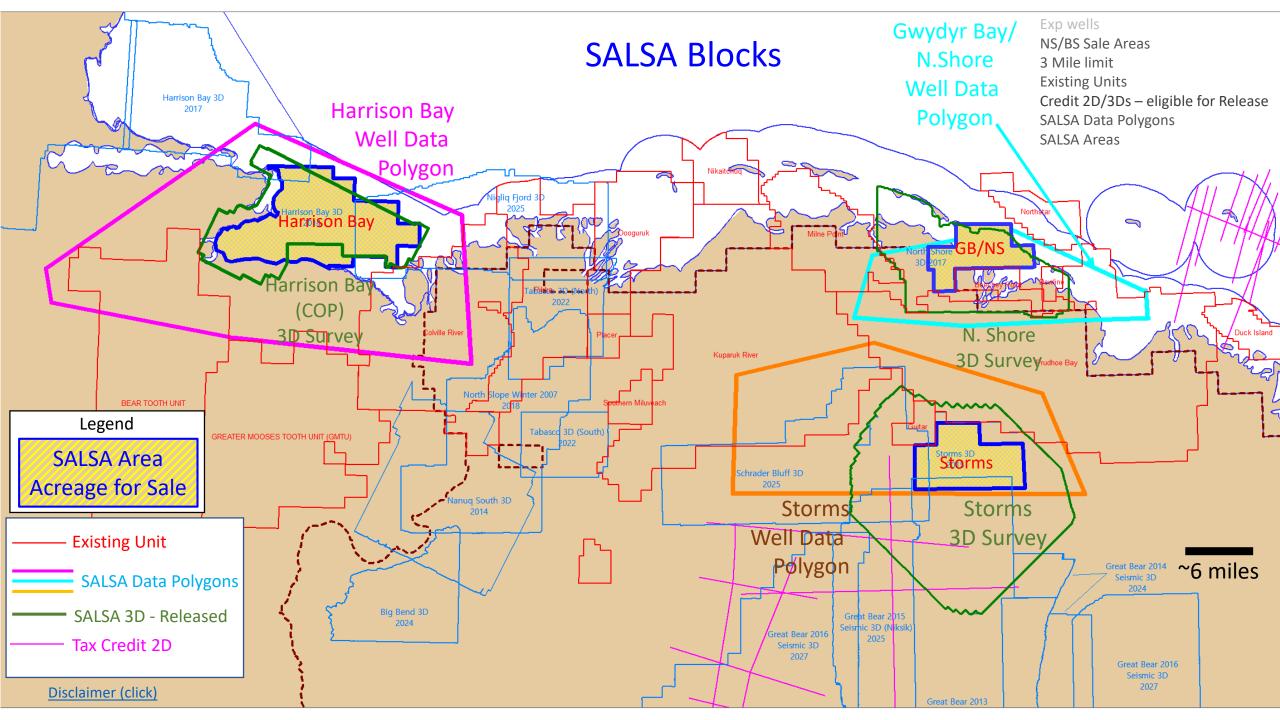


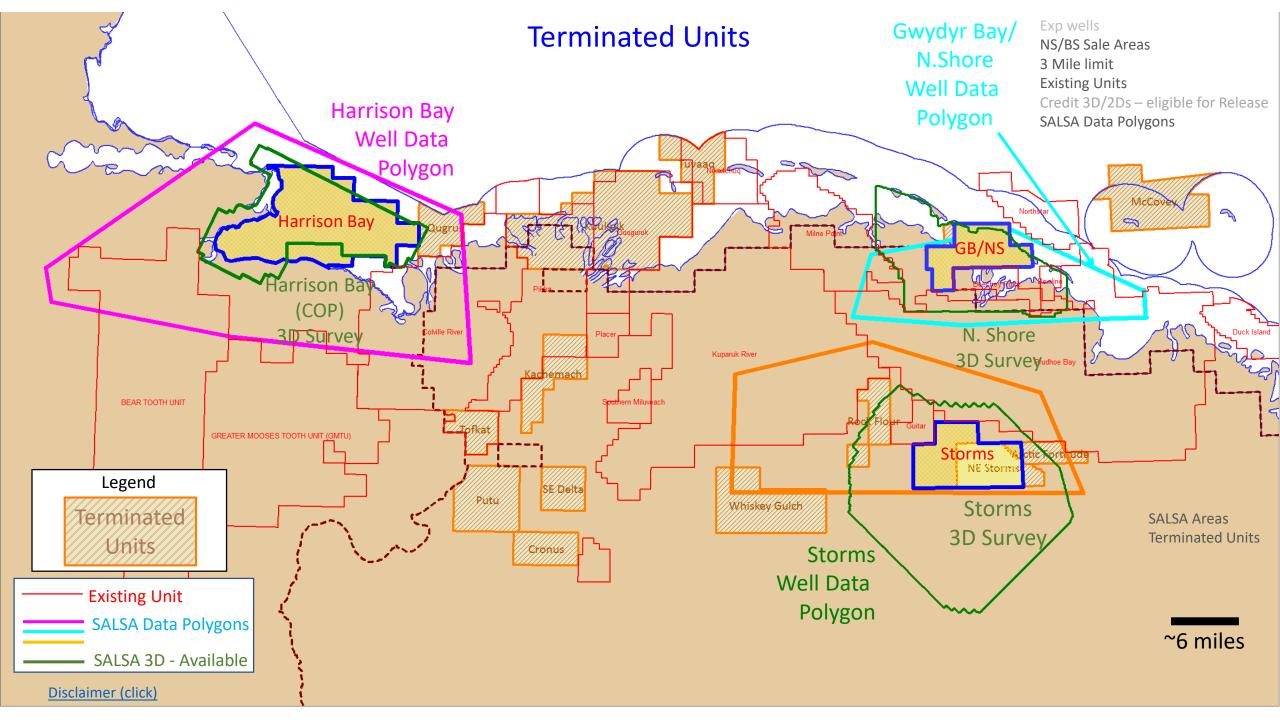


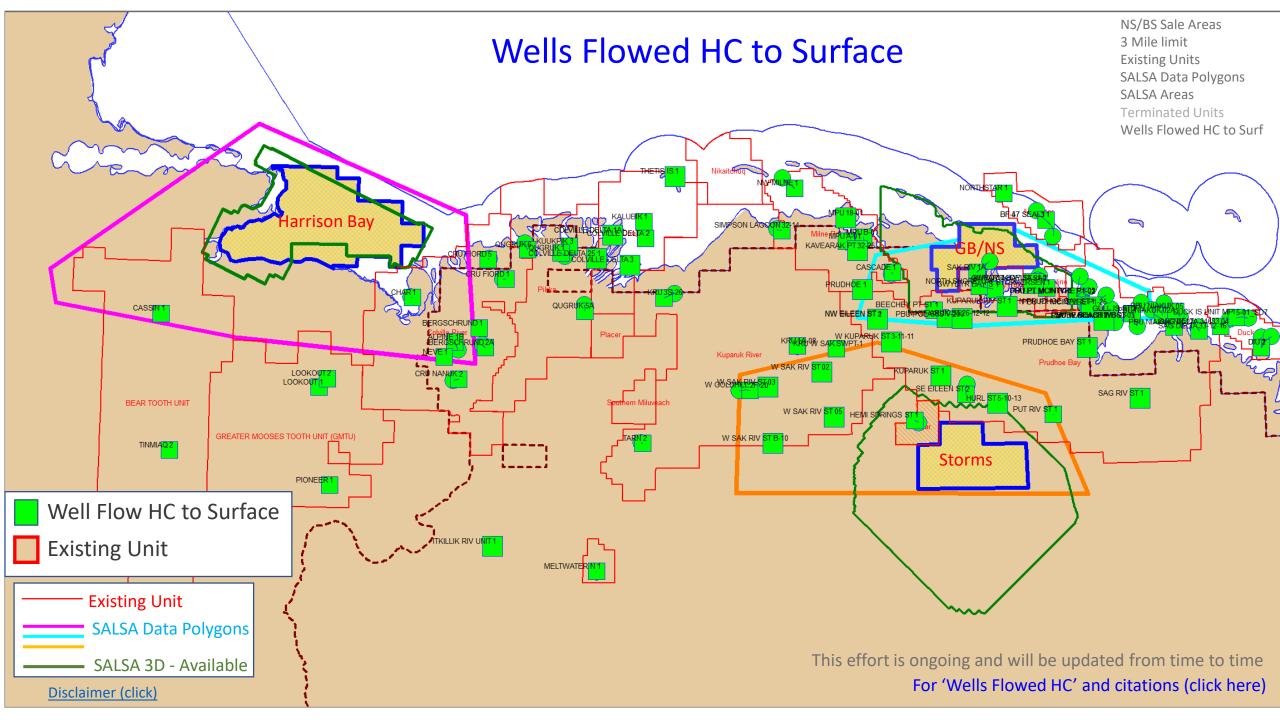


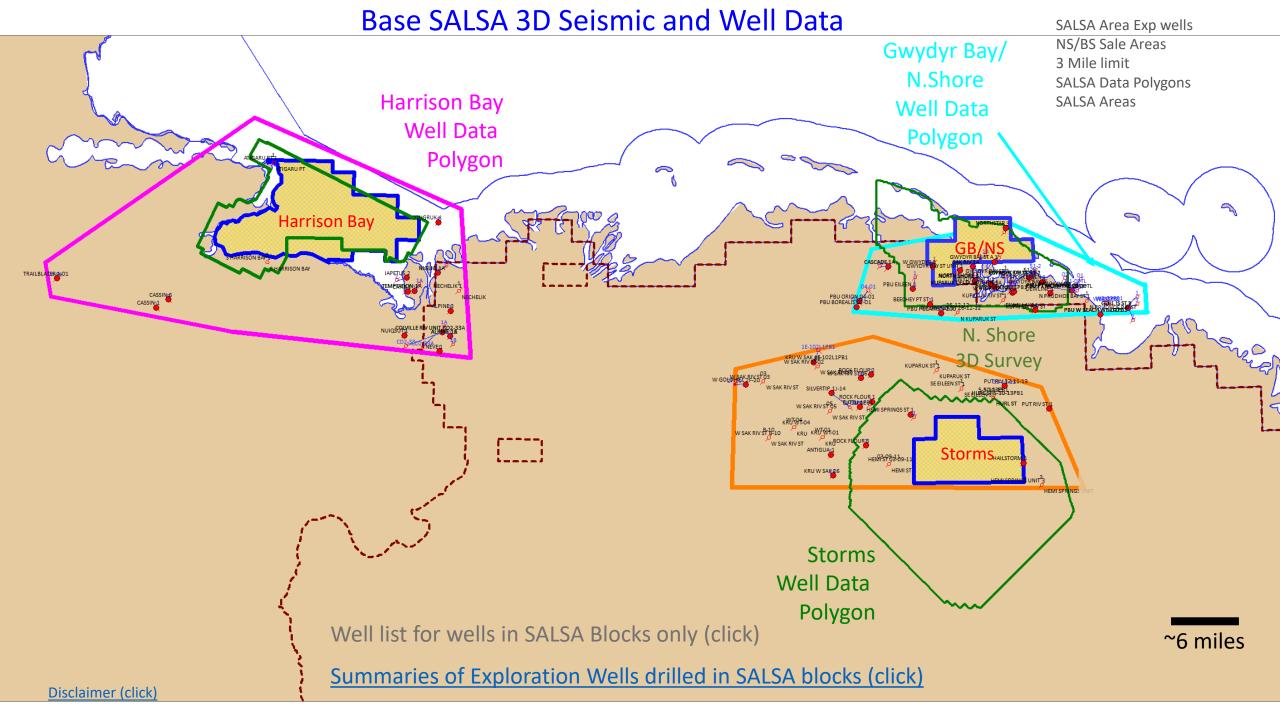








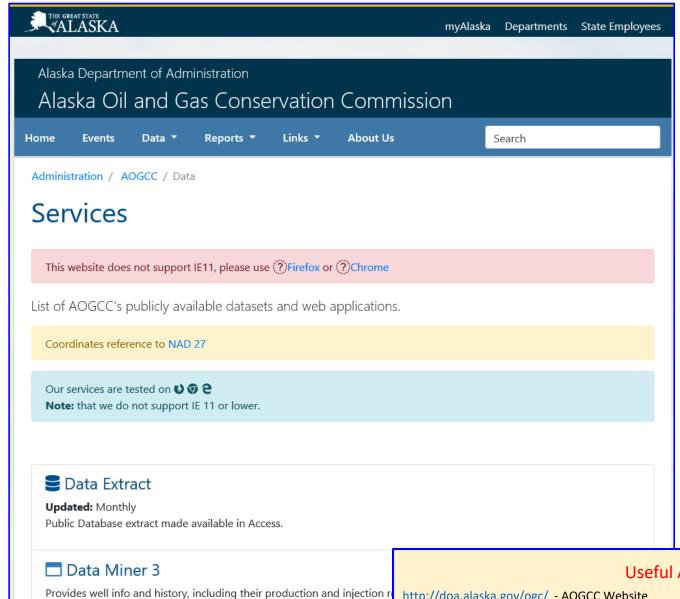




Data/Information Sources

Liquid (NGL) records.

AOGCC



Alaska Oil and Gas Conservation Commission

333 W. 7th Ave

Anchorage, Alaska 99501

Phone: (907) 279-1433

Fax: (907) 276-7542

AOGCC - Data

What's here?

Production Data

Digital log data (by request)

Hydraulic Frac'ing Permits

Drilling Data

Digital Well (History) Files

Directional Surveys (by request)

Mudlogs (by request)

Show reports (by request)

Reports and charts

Pool Statistics

Data Miner 3

Data Miner 2

FTP Site

Useful AOGCC Links (click)

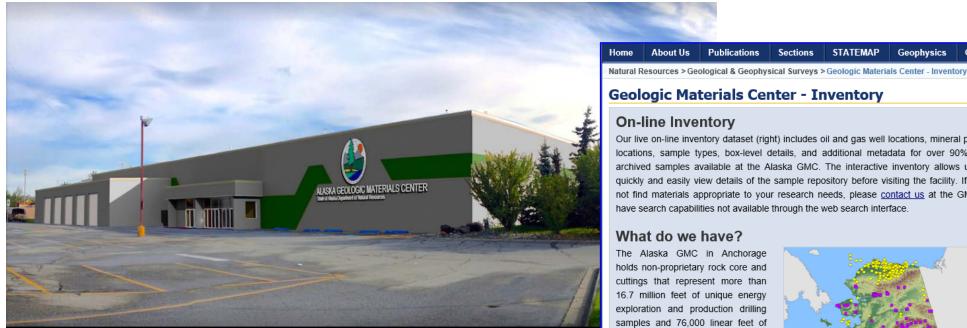
http://doa.alaska.gov/ogc/ - AOGCC Website

http://aogweb.state.ak.us/DataMiner3/Forms/WellList.aspx - AOGCC Well List

http://aogweb.state.ak.us/weblink/Browse.aspx?dbid=0&cr=1 - AOGCC Laserfiche Site for Well Histories

http://doa.alaska.gov/ogc/data/DataRegst.pdf - AOGCC public data request form (well logs, mudlogs, test results, core analyses, core descriptions, etc) http://aogweb.state.ak.us/DataMiner3/Forms/Production.aspx - Production data (DataMiner 3)

DGGS Alaska Geological Materials Center



What's here?

http://dggs.alaska.gov/gmc/index.php (Click here)

Public Core/Chips/SWC/Plugs etc

TC-released 2D and 3D Seismic

TC-released Well and Geologic Data

Paly slides

Paleo analyses

Geochem

Maps/Reports

Well cuttings

Useful GMC Links

http://dggs.alaska.gov/ - GMC website

http://dggs.alaska.gov/gmc/seismic-data-summary.php - Credit Program Seismic & Well data summary

http://dggs.alaska.gov/gmc/seismic-well-data.php - GMC public seismic and well data with request form

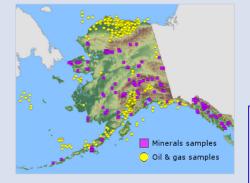
http://dggs.alaska.gov/gmc/inventory.php - GMC data inventory

http://dggs.alaska.gov/pubs/advanced-search - GMC publications/reports

Our live on-line inventory dataset (right) includes oil and gas well locations, mineral prospect locations, sample types, box-level details, and additional metadata for over 90% of the archived samples available at the Alaska GMC. The interactive inventory allows users to quickly and easily view details of the sample repository before visiting the facility. If you do not find materials appropriate to your research needs, please contact us at the GMC. We have search capabilities not available through the web search interface

What do we have?

The Alaska GMC in Anchorage holds non-proprietary rock core and cuttings that represent more than 16.7 million feet of unique energy exploration and production drilling samples and 76,000 linear feet of continuous core from more than 3.000 exploratory or production wells on Federal, State, and private lands in Alaska, including the Alaska outer continental shelf (map image, Additionally, the holds more than 354,000 linear feet



of diamond-drilled hard-rock mineral core representing more than 2,100 exploratory and geotechnical boreholes. USGS, USBOM, USBLM, and energy industry archives are merged at the GMC to form a state-wide collection of 350,000 surface rock and sediment samples. Our catalogue of more than 198,000 processed slides contains a world-class palynology collection and numerous other microfossil, organic and petrographic thin sections, sediment, and thermochronology glass slides. Extensive geological and geochemical results derived third-party sampling of GMC materials are maintained in unreviewed data and reports

s and Alaska air USGS photos.

act us if you would like to contribute any nventory data. Contributing maps, drill velcome. Software fixes, added search

Inventory Search

Find GMC Inventory Samples

Geologic Materials Center

The search interface functionality dependent on the features of the particular web browser's operating system.

Y F 6

Inventory Search

Inventory Search Help & Hints

Sample Donations

Learn About GMC Sample Donations

See how new donations are made and review the catalogue of new GMC samples with the on-line search interface.

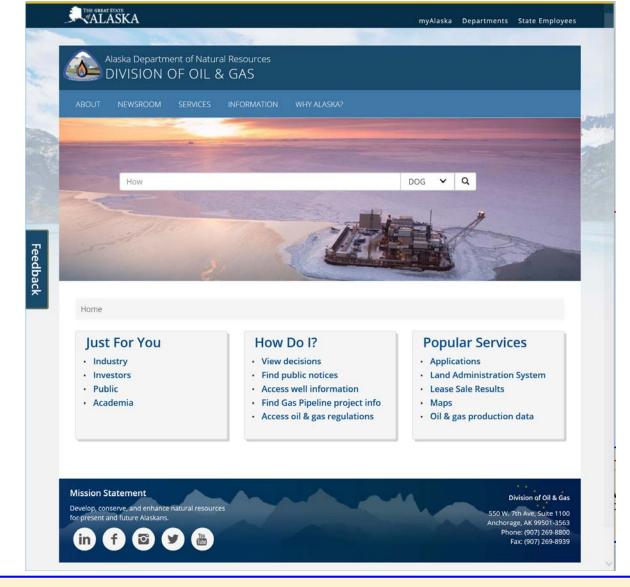
Links to GMC SALSA Inventory Lists and Well history Files

Harrison Bay (click) Gwydyr Bay/N.Shore (click) Storms (click)

> Link to DGGS **Publication List** (click)

Data/Information Sources

Division of Oil & Gas (DOG)



What's here?

http://dog.dnr.alaska.gov/

Newsroom – latest decisions/notices
Royalty Services
BIF and Lease Sale*
Data
Maps & GIS
Document Library
Geological & Geophysical Data
Studies

http://dog.dnr.alaska.gov/Services/BIFAndLeaseSale

*Best Interest Findings – Lease Sale (click)

Check under 'Current Lease Sales' to see if notice is out and details if it is.

Disclaimer (click)

Useful DOG Links (click)

http://dog.dnr.alaska.gov/ - DOG homepage

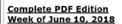
http://dog.dnr.alaska.gov/Information/DocumentLibrary - DOG document library

http://dog.dnr.alaska.gov/Information/GeologicalAndGeophysicalData - DOG geophysical/geological data

http://dog.dnr.alaska.gov/Information/Data - DOG Data (Royalty, leasing)

http://dog.dnr.alaska.gov/Information/MapsAndGis - DOG Maps & GIS (leasing, unit, activity maps, etc) & shapefiles





RSS NEWS FEED

- ANWR seismic is planned 06/10/2018 SAExploration Inc., Arctic Slope Regional Corp, and Kaktovik Inupiat Corp, have filed with the federal Bureau of Land Management a plan for a proposed 3-D seismic survey program in the 1002 area of the Arctic National Wildlife Refuge. The program, referred to as the Marsh Creek 3-D, would encompass....
- LNG giants teaming up 06/10/2018 One more building block has fallen into place to secure the future of LNG Canada, putting the C\$40 billion project in sight for a final investment decision before year's end. Petronas, Malaysia's state-owned energy giant, announced it is taking an equity position — without disclosing the investment....
- Pentex sale close deferred 06/10/2018 In the latest twist in the Alaska Industrial Development and Export Authority's Interior Energy Project, the AIDEA board has extended to June 14 the timeframe for closing the sale of Pentex Natural Gas Co. to the Interior Gas Utility. The intent had been to close the sale by the end of
- Conoco closes on west NS purchase 06/10/2018 ConocoPhillips said June 4 that it has obtained approvals for the acquisition of Anadarko Petroleum Corp.'s 22 percent lease interests in the western North Slope of Alaska. ConocoPhillips announced the acquisition Feb. 1, saying at that time that it had signed a definitive
- · Washington state, BC share concerns 06/10/2018 An informal Pacific Coast cross-border alliance is taking shape in opposition to the movement of crude oil to export terminals connecting North America with energy hungry Asian markets. And the loose partnership of British Columbia, Washington, Oregon and California has gathered momentum now that Ca
- · AIDEA converts its Mustang ownership interest to loan financing 06/10/2018 During its May 31 meeting the board of the Alaska Industrial Development and Export Authority passed a resolution converting its ownership interests in the Mustang oil field on the North Slope to a loan to CaraCol Petroleum LLC, one of the field's working interest owners. The deal involves AIDEA sel....
- Alyeska sets summer maintenance 06/10/2018 It's planned maintenance season in Alaska, with Alyeska Pipeline Service Co. announcing several pipeline shutdowns this summer. The company said May 31 that the line-wide shutdowns, from 12 to 18 hours, allow for maintenance work along the line and at the Valdez Marine Terminal "while the pipeline i...
- ANS production down marginally in April 06/10/2018 Alaska North Slope crude oil production averaged 513,257 barrels per day in April, down 0.7 percent, 3,612 bpd, from a March average of 516,869 bpd, and down 5.5 percent from an April 2017 average of 543,252 bpd. Production data is from the Alaska Oil and Gas Conservation Commission, which provides...



Latest Petroleum News PDF

- Balash promotes more federal cooperation 06/10/2018 During a speech at the Alaska Oil and Gas Association's annual conference on May 31 Joe Balash, assistant secretary for lands and minerals management in the U.S. Department of the Interior, said that the federal administration is intent on taking more of a partnership approach when working with the
- · Hilcorp seeks RCA Drift River approval 06/10/2018 Cook Inlet Pipe Line Co., a subsidiary of Hilcorp Alaska, has asked the Regulatory Commission of Alaska to authorize the permanent decommissioning of the Drift River Terminal and its associated infrastructure on the west side of Cook Inlet. Hilcorp is engaged in a project to reconfigure its Cook Inl
- Contraction planned for Redoubt unit 06/10/2018 In a reflection that the revival of the Redoubt unit has arrived at a new phase, Glacier Oil & Gas Corp. has asked the state to contract the unit and to form a new participating area. Through its subsidiary Cook Inlet Energy LLC, the company made the application in
- Hilcorp buying Exxon out of Endicott line 06/10/2018 Hilcorp Alaska acquired certain of BP's North Slope assets in early 2014, including all of BP's interests in the Endicott and Northstar oil fields and a 50 percent interest in Liberty and Milne Point. BP's interests in oil and gas pipelines associated with those fields were also included. Hilcorp a
- Exxon aims to boost earnings, production 06/10/2018 Exxon's CEO says the company can more than double its earnings by 2025 and will invest in new oil and gas production even if policymakers adopt rules to combat climate change. Darren Woods told shareholders May 30 that technology like biofuels will allow the company to produce energy with lower car
- BLM retains ANWR public comment deadline 06/10/2018 The federal Bureau of Land Management announced on June 4 that it will not extend the public comment period for the scoping of an environmental impact statement for an oil and gas lease sale program for the coastal plain of the Arctic National Wildlife Refuge. As previously determined, the comment p...
- Final protesters removed from perches 06/10/2018 The final two protesters who had perched themselves on trees and poles to block construction of a natural gas pipeline through Appalachia have come down. The Roanoke Times reports one protester was forcibly removed June 1 and another came down voluntarily as authorities approached. The June 1 action...
- National rig count rises by 1 to 1,060 06/10/2018 The number of rigs drilling for oil and natural gas in the U.S. increased by one the week ending June 1 to 1,060. At this time a year ago there were 916 active rigs. Houston oilfield services company Baker Hughes reported that 861 rigs drilled for oil (up two from the previous week) and 197 for gas



news page.

Logout

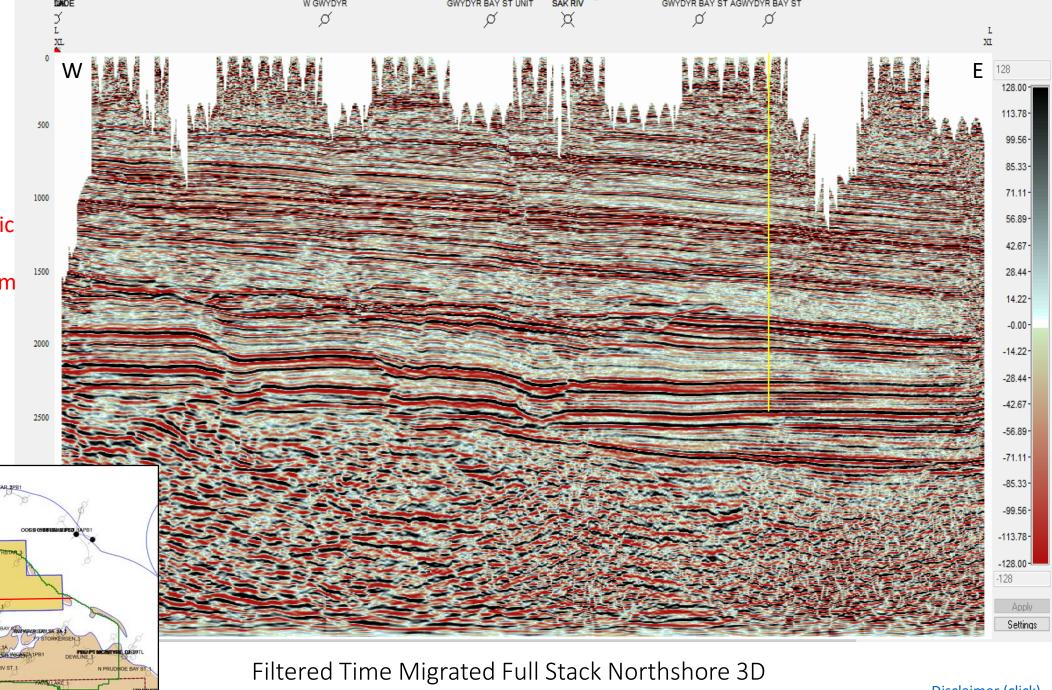


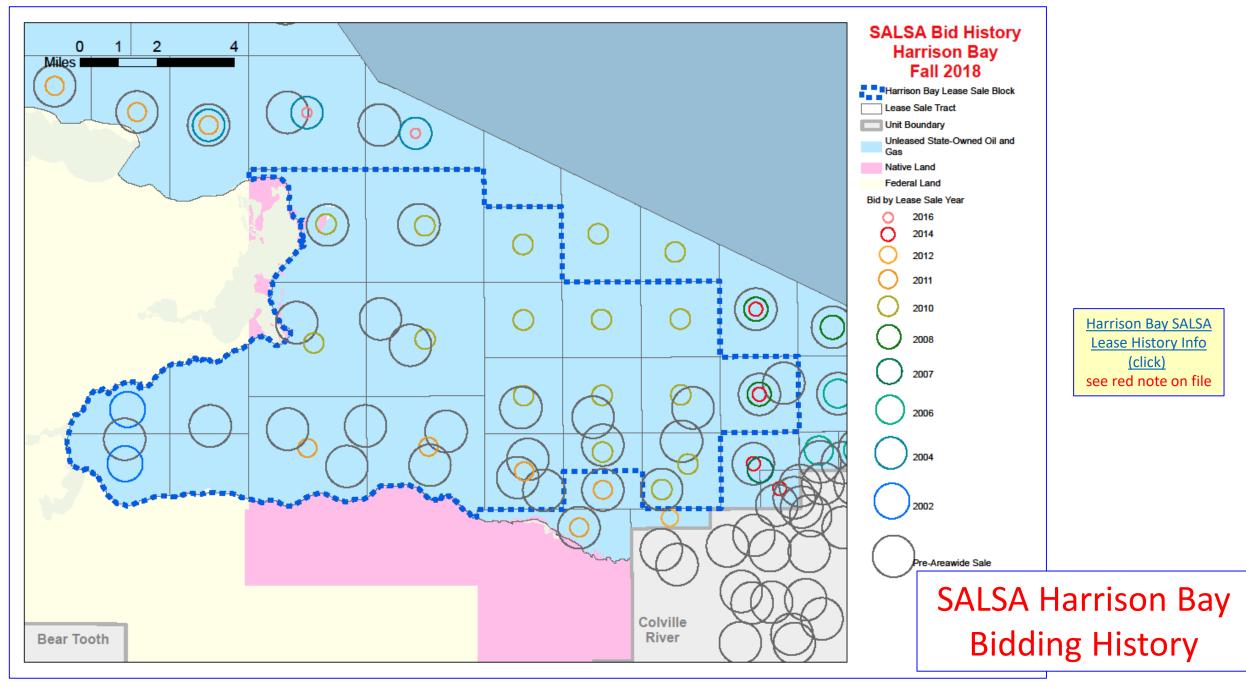


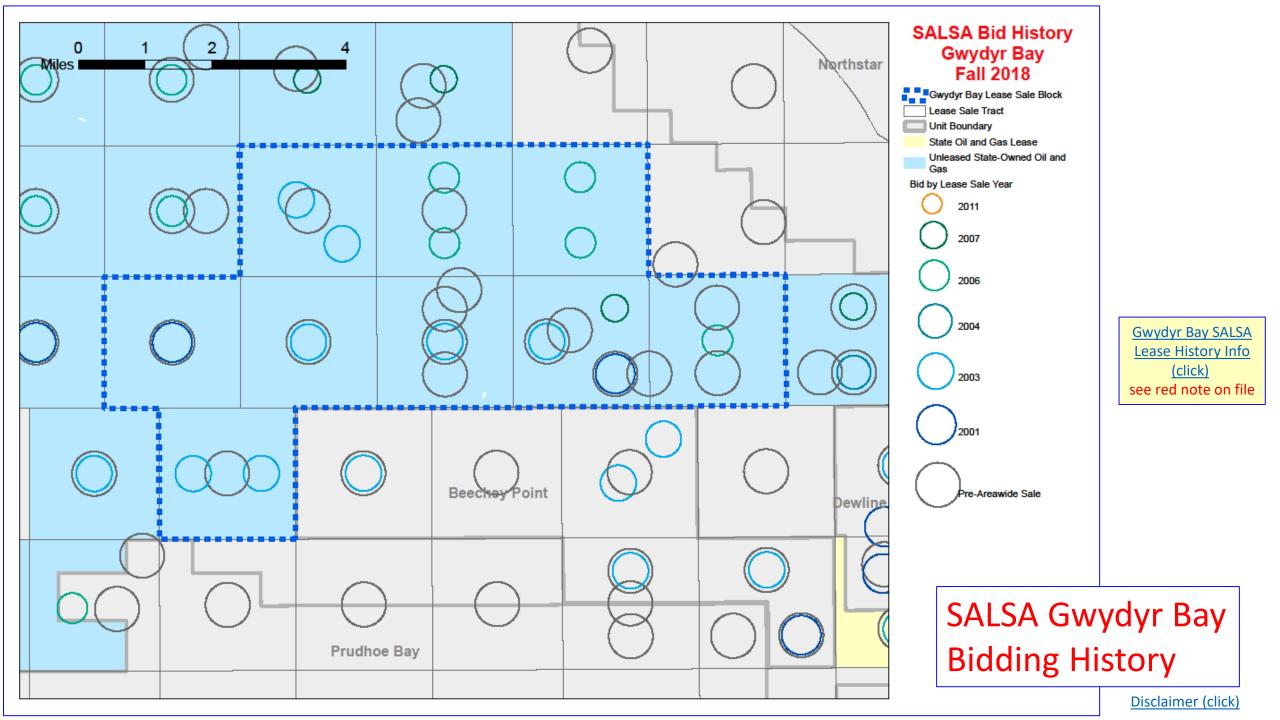


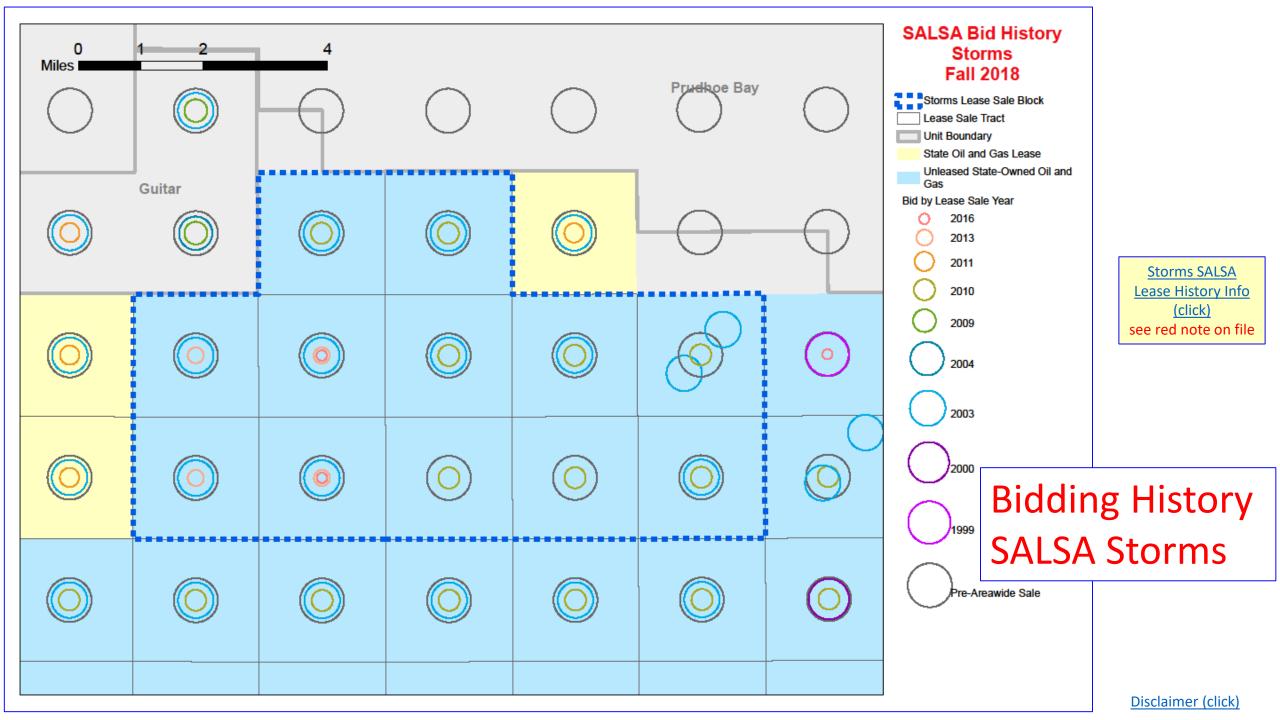
North Shore 3D **GMC** information sheet (click here)

An example of the North Shore 3D seismic Released under the SOA Tax Credit Program





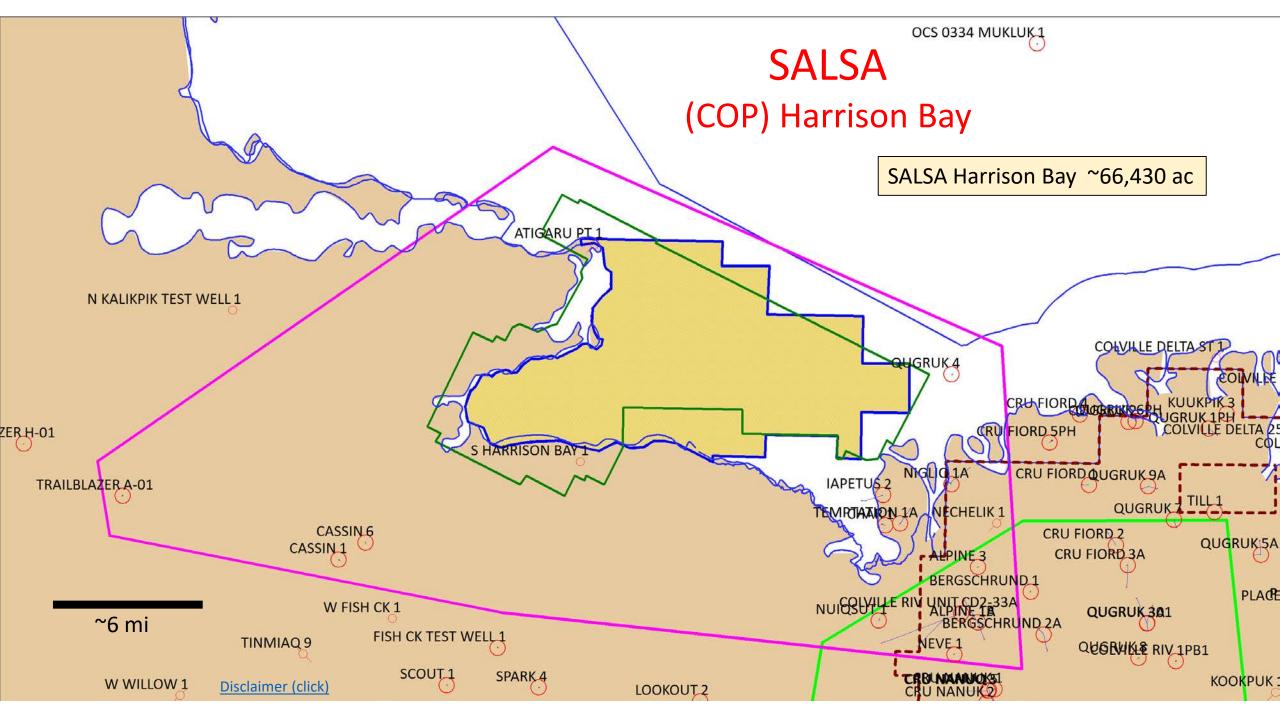


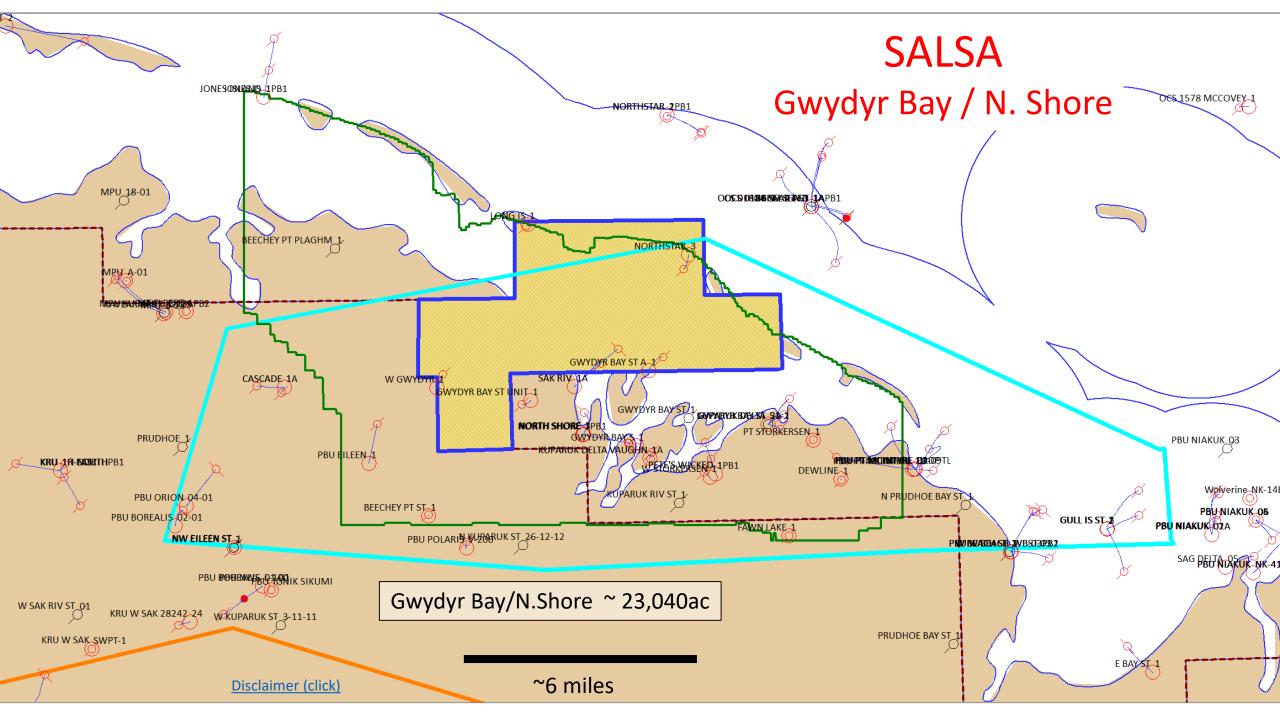


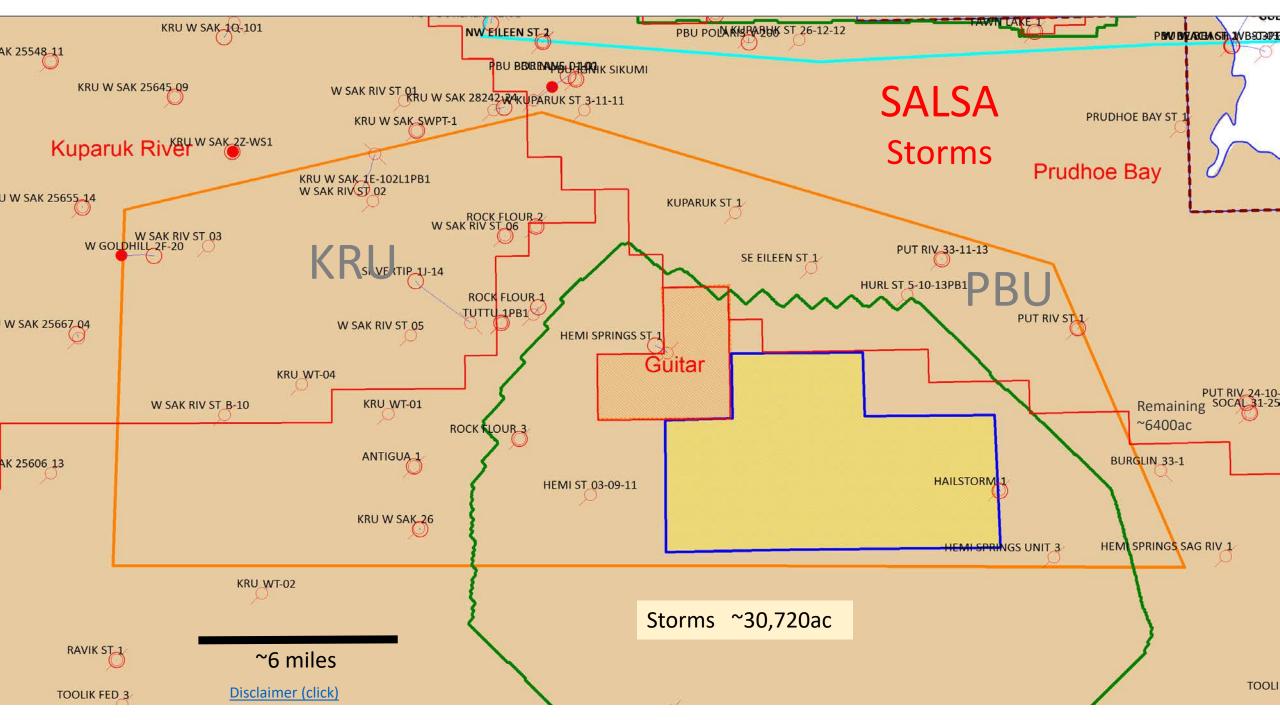
Tools for more information on Leases

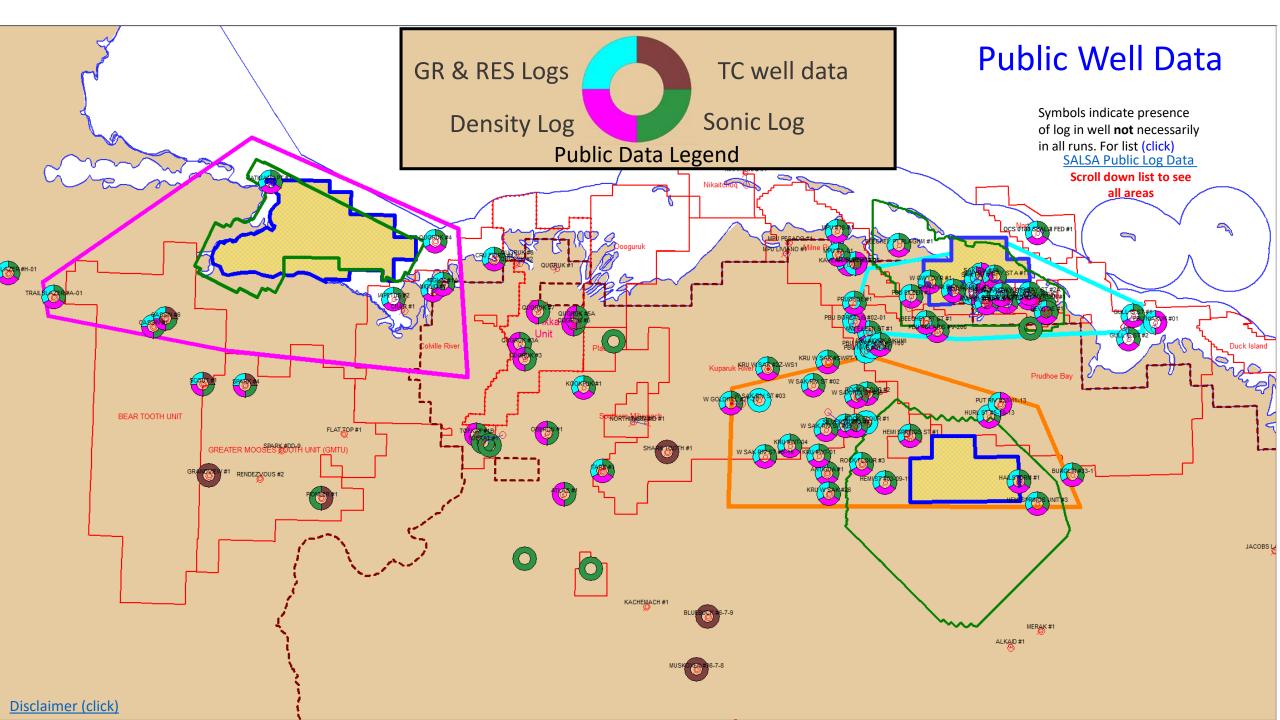
DNR provides online tools for researching land title, lease status, leasing history, and recorded documents within a lease sale tract (LST) or meridian, township, range, and section (MTRS). The US Department of Interior Bureau of Land Management (BLM) provides tools for researching land title and federal land surveys by MTRS. In addition, DO&G physical case files for oil and gas leases may be reviewed on request. Call (907)269-8800 or email dog.leasing@alaska.gov for more information. These online research tools are available at:

- DNR Land Administration System (LAS) http://dnr.alaska.gov/projects/las/
- DNR Land Records http://dnr.alaska.gov/landrecords/
- DNR Alaska Mapper http://dnr.alaska.gov/MapAK/
- DNR Recorder's Office http://dnr.alaska.gov/ssd/recoff/
- BLM Spatial Data Management System (SDMS) http://sdms.ak.blm.gov/









Requesting Data from AOGCC

Digital Well Logs

Digital data from wells on State lands can be obtained by contacting AOGCC Customer service.

Note: Please submit a completed data request form attached to your request.

Data Request Form: http://doa.alaska.gov/ogc/data/DataReqst.pdf

AOGCC Website: http://doa.alaska.gov/ogc/

Fill out the data request form

Provide well name and either API number or permit to drill (PTD) number

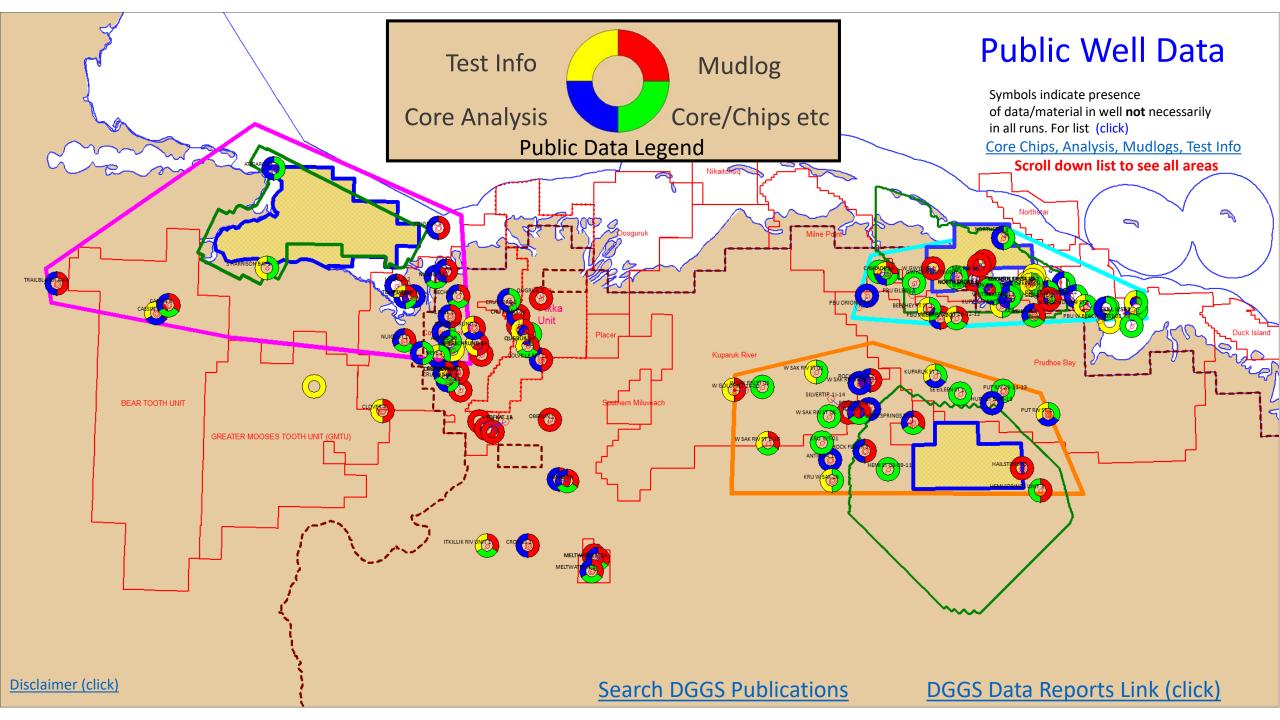
Additional wells (13+) should be attached in an excel file

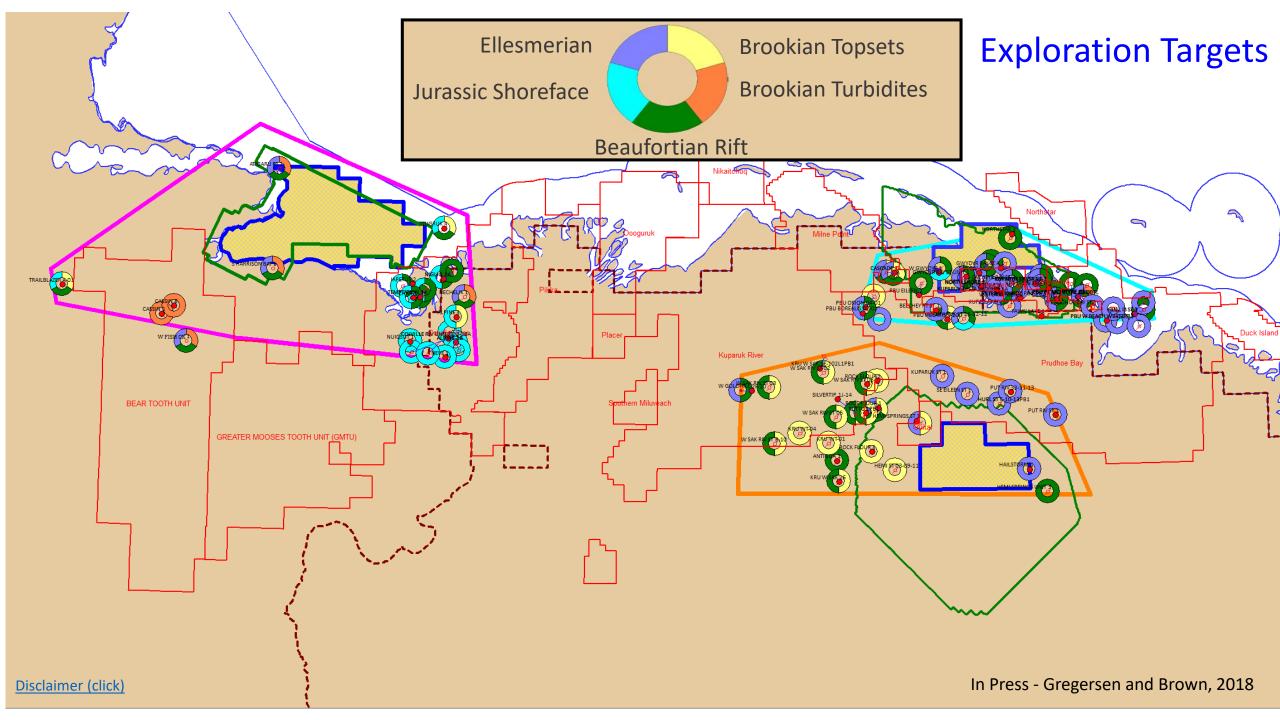
A maximum of 30 wells may be requested per form

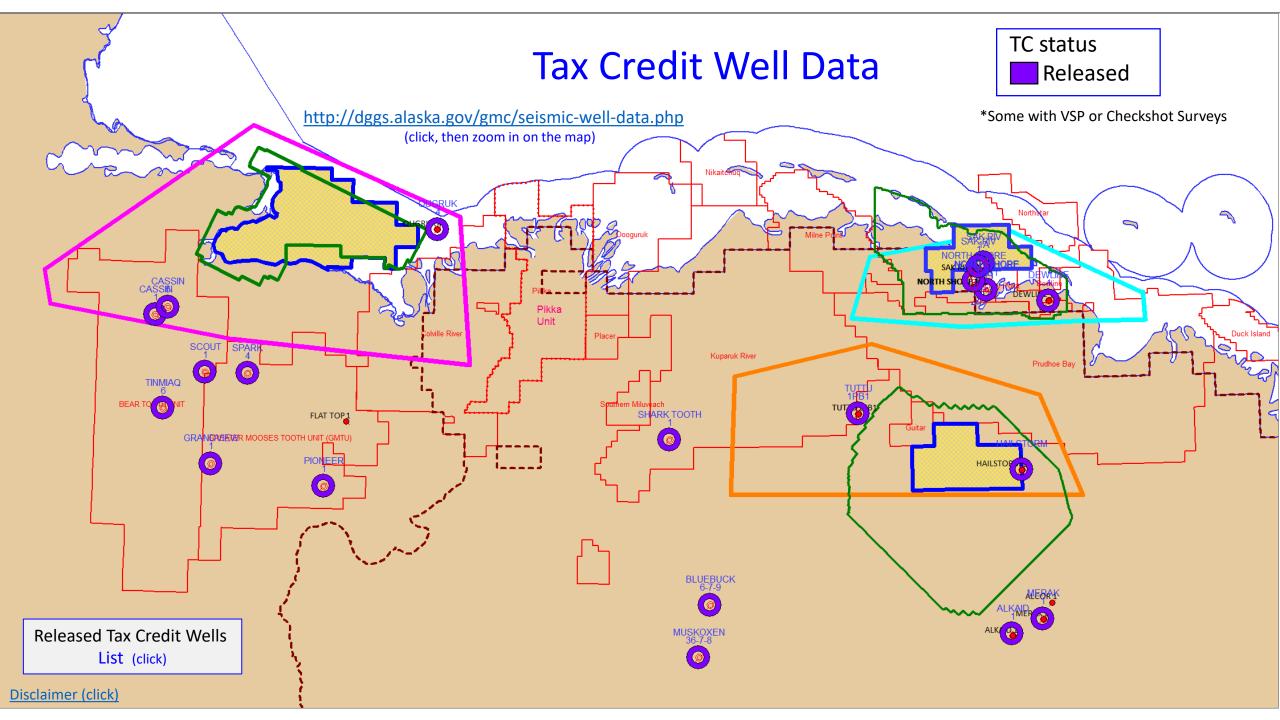
Email the signed request form to aogcc.customer.svc@alaska.gov

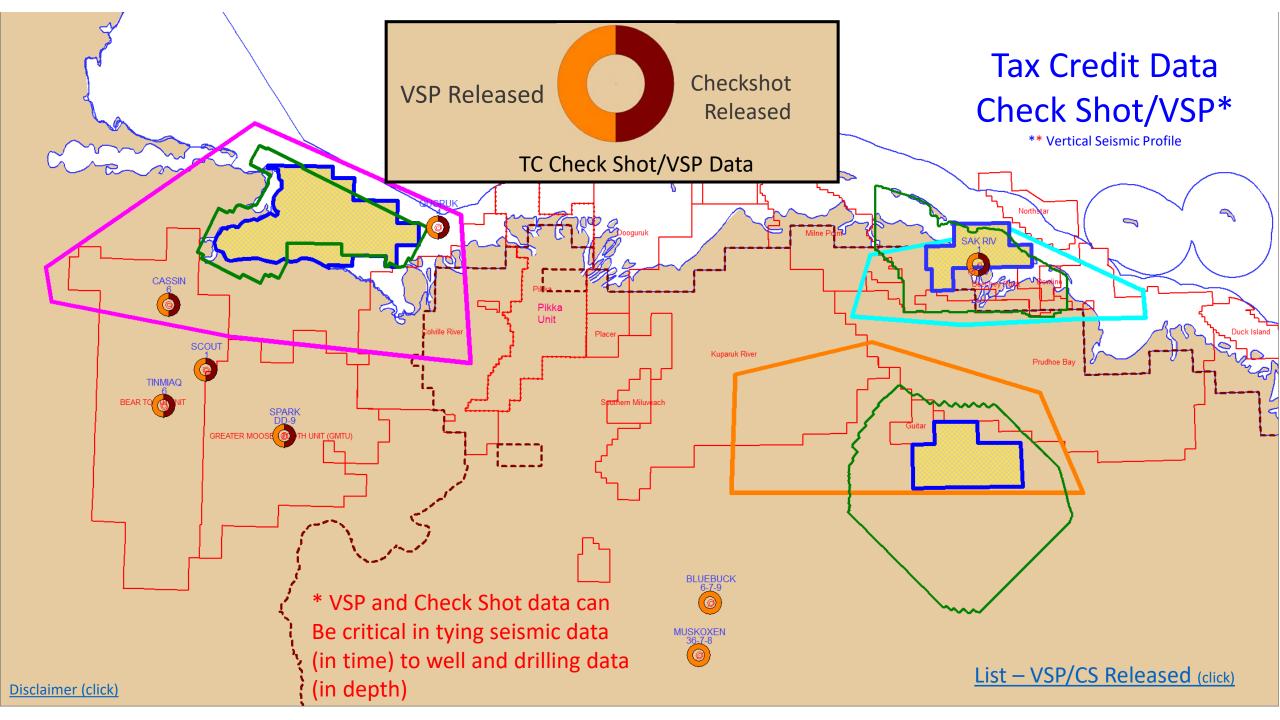
The AOGCC also provides a complete copy of all public digital log data with a catalog. The copy requires an empty 3TB hard drive, Windows formatted, with a USB 3.0 connection.

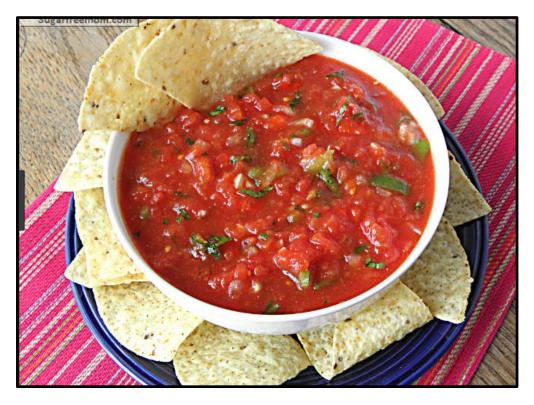
The AOGCC has 10 business days to respond to a public data request











Is there more?



U.S. Geological Survey 2005 Oil and Gas Resource Assessment of the Central North Slope, Alaska: Play Maps and Results

By Christopher P. Garrity, David W. Houseknecht, Kenneth J. Bird, Christopher J. Potter, Thomas E. Moore, Philip H. Nelson, and Christopher J. Schenk

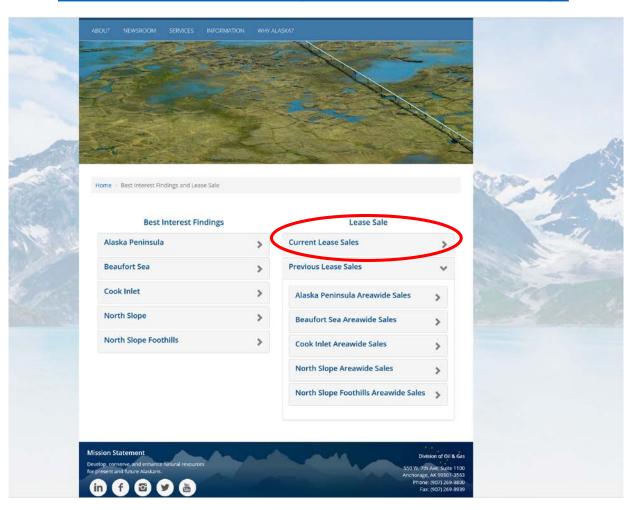
> https://pubs.usgs.gov/of/2005/1182/ (click)

Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government

Open-File Report 2005-1182

Official SALSA Terms & Conditions Notification information

DOG Best Interest Findings (BIF) and Lease Sale Page



Need more information?

Your best bet is to follow the links, contact the agency that holds the data and if you still have a question contact the SALSA team at the Division of Oil & Gas at:

DOG-SALSA@alaska.gov

<u>Disclaimer</u>: This summary was created, edited, and published by the State of Alaska, Department of Natural Resources, Division of Oil and Gas, and is for public informational purposes only. The summary is not intended to be a comprehensive description of resource potential or data products that may be publicly available. The summary and data products described therein should not be considered exhaustive or warranted for any use, including making any decision to participate in a competitive oil and gas lease sale, pursue an assignment of an interest in an oil and gas lease, or make any other type of investment. Further, the summary is not intended as a sale notice and does not alter or affect the Department's authority under applicable law and regulations to defer tracts, reject bids or issue leases only after completion of an appropriate title review.

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